

A computer readable copy of the substitute Sequence Listing is attached, in accordance with 37 C.F.R. § 1821(e). The computer readable substitute Sequence Listing does not contain new matter.

In accordance with 37 C.F.R. § 1.821(f), the contents of the paper copy and the computer readable copy of the Sequence Listing are the same.

The paper and electronic copies of the substitute Sequence Listing contain the following amendments:

In sequence Id. No. 1:

120 Title of Invention has been translated into English;

140 Current Application Number and 141 Current Filing Date have been amended to reflect the current Serial No. 09/700,906 and filing date of February 26, 2001;

In sequence Id. No. 3:

213 Organism has been translated into English; and

223 Description of the artificial sequence has been translated into English.

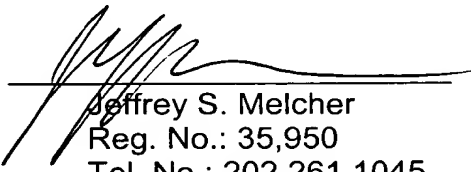
Original pages 36 and 37 have only been renumbered as 44 and 45, respectively. No new matter has been added and no claims have been amended to overcome prior art.

A copy of the Notice of Defective Response is attached.

It is respectfully submitted that the above-identified application complies with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures pursuant to 37 C.F.R. § 1.821-1.825.

Entry of substitute Sequence Listing and a favorable action on the merits are respectfully requested.

Respectfully submitted,
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